Name: **Date:**

PeopleSoft ID:

Checklist for BA in Physics

PHYSICS (31 Hours):

Tr	UH		
		PHYS 2125	University Physics Lab I
		PHYS 2325	University Physics I
		PHYS 2126	University Physics Lab II
		PHYS 2326	University Physics II
		PHYS 3110	Advanced Lab Analysis
		PHYS 3313	Advanced Lab I ***(WID)
		PHYS 3312 & PHYS 3112	Modern Optics & Lab
		OR PHYS 4421	Electronic Devices & Applications
		PHYS 3315	Modern Physics I
		PHYS _3__	Advanced PHYS Elective - 3 hours
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		PHYS _3__	Advanced PHYS Elective - 3 hours
		PHYS _3__	Advanced PHYS Elective - 3 hours

CHEMISTRY (8 Hours):

		CHEM 1111	Fundamentals of Chemistry Lab I
		CHEM 1311	Fundamentals of Chemistry I
		CHEM 1112	Fundamentals of Chemistry Lab II
		CHEM 1312	Fundamentals of Chemistry II

MATHEMATICS (24 Hours):

		MATH 2413	Calculus I
		MATH 2414	Calculus II
		MATH 2318	Linear Algebra
		MATH 2415	Calculus III
		MATH 3331	Differential Equations
		MATH _3__	Advanced Math Elective - 3 hours
		MATH _3__	Advanced Math Elective - 3 hours

FOREIGN LANGUAGE (6 Hours):

		Foreign Language 23xx:
		Foreign Language 23xx:

FREE ELECTIVES

(Additional hours to complete a total of **120 hours**, including at least **36 advanced hours**)

Tr	UH	

APPROVED ADVANCED PHYSICS ELECTIVES

(Check Catalog for Pre-Requisites)

PHYS 3305: Introduction to Astrophysics
PHYS 3312: Modern Optics
PHYS 4337: Introduction to Solid State Physics
PHYS 4421: Electronic Devices & their Applications
PHYS 4350: Computational Physics
PHYS 4356: Introduction to Particle Physics
PHYS 4360 Suborbital Methods in Space & Atmospheric Physics
PHYS 4370 Nanophysics
PHYS 4397: Selected Topics in Physics (With consent from the Physics Department)

NSM CAPSTONE (Minimum 6 Advanced Hours):

Must choose from one of the following:

- ☐ Minor
- ☐ Double Major
- ☐ Double Degree
- ☐ Senior Research Project
- ☐ Senior Honors Thesis
- ☐ teachHouston

Tr	UH	

CORE (Check UH catalog or Core Website for Pre-Requisites)

COMMUNICATION (6 Hours):

Tr	UH	
		ENGL 1301 First Year Writing I
		ENGL 1302 First Year Writing II

STATE REQUIREMENTS (12 Hours):

			American History (3 Hours)
			American History (3 Hours)
		GOVT 2305 U.S. Government: Congress, President, and Court	
		GOVT 2306 U.S. and Texas Constitutions and Politics	

FROM APPROVED CORE LIST (12 Hours): Choose from UH Core Website

			Creative Arts (3 Hours)
			Lang., Phil., & Culture (3 Hours)
			Social & Behavioral Science (3 Hours)
		Satisfied by PHYS 3313	Writing in the Disciplines (3 Hours)***

RULES YOU NEED TO KNOW:

1. MINIMUM of a **2.00 GPA** in cumulative, major, and minor GPA to graduate
2. **C- RULE**: MAXIMUM of **6 hours of grades below C-** allowed in UH PHYS courses
3. LAST **30 hours** must be exclusively completed at UH
4. MAXIMUM of **6 W's** allowed during entire undergraduate career
5. MINIMUM of **36 advanced hours** and **120 total hours** to graduate
6. MAXIMUM of **66 lower level transfer hours** may be applied towards UH degree
7. At 60 hours, must request a **Major Degree Plan *REQUIRED TO GRADUATE***

Advisor: _____

4.1.2022 AC